

# Salmon Jeopardy

## Objective

This activity will assess student comprehension of information regarding fish anatomy, the salmon life cycle, salmonid species, the food web and watersheds.

## Curricular Areas

Language Arts, Science

## California Content Standards

*GRADES 3-8*

### English/Language Arts

3rd Listening/Speaking 1.0

4th Listening/Speaking 1.0

5th Listening/Speaking 1.0

6th Listening/Speaking 1.0

7th Listening/Speaking 1.0

8th Listening/Speaking 1.0

### Science

3rd Life Science 3 a, b, c, d, e

4th Life Science 2 a, b, 3 b; Earth 5 c

5th Life Science 2 a, b; Earth 3 d

6th Earth 2 a, b; Ecology 5 a, b; Resources 6 b

7th Genetics 2 a; Evolution a, e

## Method

Students, in teams, will play a game of jeopardy to demonstrate the knowledge that they gained in prior lessons.

## Materials

- Time to complete: (1) 50-minute class period
- Create game board (see illustration)
- (6) category cards
- (6) 20 point cards (answer on reverse)
- (6) 40 point cards (answer on reverse)
- (6) 60 point cards (answer on reverse)
- Final Jeopardy card
- Noise-maker and an index card per team

## Procedure

1. Ask if everyone is familiar with the TV Jeopardy Game. Explain that the classroom version will have a few modifications. The class will be divided into 3 or 4 teams. Each team must work together when giving an

answer in the form of a question.

2. There will be two regular rounds of 10 minutes each. The points in each category will remain the same in both rounds; the first answer is worth 20 points, the second answer is worth 40 points, and the third answer is worth 60 points.
3. The teacher starts the game by choosing and reading an answer card. The team to ring-in first has the opportunity to give the answer in the form of a question. Give the team a few seconds to discuss and agree on an answer. One person must give the group's answer (whoever is in control of the ringer must then pass on the responsibility).
4. If the team was correct, they score the points. If they are wrong, the points are subtracted from the team's total score. Ask if another team wants to answer. They must ring-in, discuss, and then answer in the form of a question. If correct, they receive the points; if they are incorrect, the points are subtracted from the team's total score.
5. The team who answers correctly chooses the next category and point value to be read. Complete as many as possible in the 10 minute round.
6. Start a second 10 minute round. Proceed the same as the first round.

use bulletin board (36" x 24") attach cards with push pins

First Round	Second Round
_____	_____
_____	_____
_____	_____
_____	_____
(Category title)	_____
(20 pt. Answer)	_____
(40 pt. Answer)	_____
(60 pt. Answer)	_____
_____	_____
_____	_____
_____	_____
_____	_____
(Final)	_____

## FIRST ROUND

### Life Cycle

**20 points** Where salmon grow to be mature adults

**40 points** Salmon laying their eggs

**60 points** Salmon hatchlings (just born)

What is the ocean?

What is to spawn?

What are alevins?

### Anatomy

**20 points** What fish use to breathe

**40 points** These help fish to move in water

**60 points** The sense used by salmon to find its home stream

What are gills?

What are fins?

What is smell?

### Threats

**20 points** A large brown furry animal that eats salmon

**40 points** A man made structure that holds back water

**60 points** Carried by water runoff into rivers

What is a bear?

What is a dam?

What is soil (or silt)?

## SECOND ROUND

### Family

**20 points** Members of the salmonidae family

**40 points** Name given to fish born in fresh water who migrate to the ocean then return to fresh water to spawn.

**60 points** A salmonid that is not a salmon but is anadromous

What is salmon and trout?

What are anadromous Fish?

What is a steelhead?

### Food Web

**20 points** Animals that hunt other animals for food

**40 points** The name for an order of plants eaten by an animal that is then eaten by another animal

**60 points** A name given to plants, the group that forms the bottom of the food chain

What is a predator?

What is a food chain?

What are producers?

### Watershed

**20 points** The land and the waterways that drain the land

**40 points** The large watershed where we live

What is a watershed?

What is the Sacramento  
River  
Watershed?

## FINAL JEOPARDY

One of the five species of Pacific salmon: also known as king salmon.

What is Chinook?